

The Sky This Month

April-May 2021

Mon	Tue	Wed	Thu	Fri	Sat	Sun
Visible at 1x power. Best in binoculars. Haul out the telescope. Try a photo! Video record session. Rockets and satellites.		7 ! Moon near Jupiter (morning) RASC recreational astronomy meet asteroid (48300) Kronk close to Earth	8 Rome conferences (including gravity wave detectors) Moon, Jupiter, Saturn form a line (morning) Ingenuity Mars helicopter first flight	9 crew Soyuz to ISS 2:45 AM! dock at 6:45 Io transit and shadow in progress (morning) Moon near Neptune	10 Stellarium training (L1) YDSB science fair this weekend... NEAF (virtual again)	11 new Moon asteroid (88705) Potato close to Earth (671) Carnegie occults UCAC4 288-156226 Penatmuiku's begins
12	13	14	15	16	17	18
Mid-Winter School Break - Indus Space events / also various events at Richmond Hill David Dunlap Observatory						
shuttle Columbia's launch anniversary (1981) Moon very near Venus Yuri Gagarin's launch anniversary (1961)	Happy Vaisakhi (3) Juno stationary Moon near Uranus Mars moves between horns of the Bull	Lyrid meteor shower starts, continues to 30 telescope introduced (1611) Mars drops <5" in size	Jupiter near mu Cap equation of time = 0 Mars in triangle with Betelgeuse & Aldebaran Venus >5° from Sun	Jupiter near mu Cap ! Moon near Mars outgoing Soyuz undocking from ISS Millennium-Sq star party*	Jupiter near mu Cap ! Moon near Mars Moon near M35 Soyuz landing asteroid (4) Vesta near 51 Leonis	Moon occults double star STT 164 Sun enters constellation Aries
19 η Aquarid meteor shower starts; to May 28 Moon near Castor then Pollux anniversary Salyut 1 launch (1971)	20 1st quarter Moon Moon near Beehive asteroid (3140) Steffafane close to Earth	21 RASC speakers night Titan due south of Saturn Mercury to ascend through ecliptic asteroid (4) Vesta stationary	23 1st Canuck spacewalk ('01) Crew-2 Dragon launch Lyrid meteor shower peak Venus near Uranus Earth Day	24 (380) Fiducia occultation Mars moves into Gemini Mercury near Venus pi-Puppids meteor shower peak	25 Jupiter leaves Capricornus Kuiper Belt Object 2020 FY30 opposition (98 AU) Mercury near Uranus Mars enters Gemini DDO Up in the Sky	25 HST deployed in orbit (1990) Jupiter enters Aquarius ! Mercury near Venus ISS flyovers resume (morning)
26 Crew-1 depart ISS (TBC) full Moon Mars very near M35 Stellarium training (L1)	27 clean eyepieces	28 first space tourist (2001) Mercury directly above Venus Moon near Antares	29 Mercury above Venus and climbing Titan due north of Saturn	30 Lyrid meteor shower ends Mercury above Venus Mars forms triangle with eta and mu Gem DDO Speakers Night	1 2nd Boeing CFT Starliner uncrewed launch (TBC)	2 first binary star discovered (1780) Mercury mag -1
3 3rd quarter Moon Mercury near Pleiades Moon near Saturn Stellarium training (L2) asteroid (1896) Beer close to Earth	4 Mars is 4.5" in size Moon near Jupiter PHA 2021 AF8 near Earth Venus now 10° from Sun	5 η Aquarid shower peak RASC recreational astronomy meet slightly more than 1.0 AU from Sun		See pgs 104-107 of 2020 RASC <i>Observer's Handbook</i> for more astro info. Note: errata on RASC website for OH Apr-May Jupiter shadow transits. See the Mar-Apr <i>SkyNews</i> magazine for more astro info and chart. All events in evening unless otherwise. ISS = International Space Station. See heavens-above.com for pass info. Visit rascto.ca for lots of astronomical and telescope information.		